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IFC Java Applications, Timber Frame Calculation Object Naming Association of Documents

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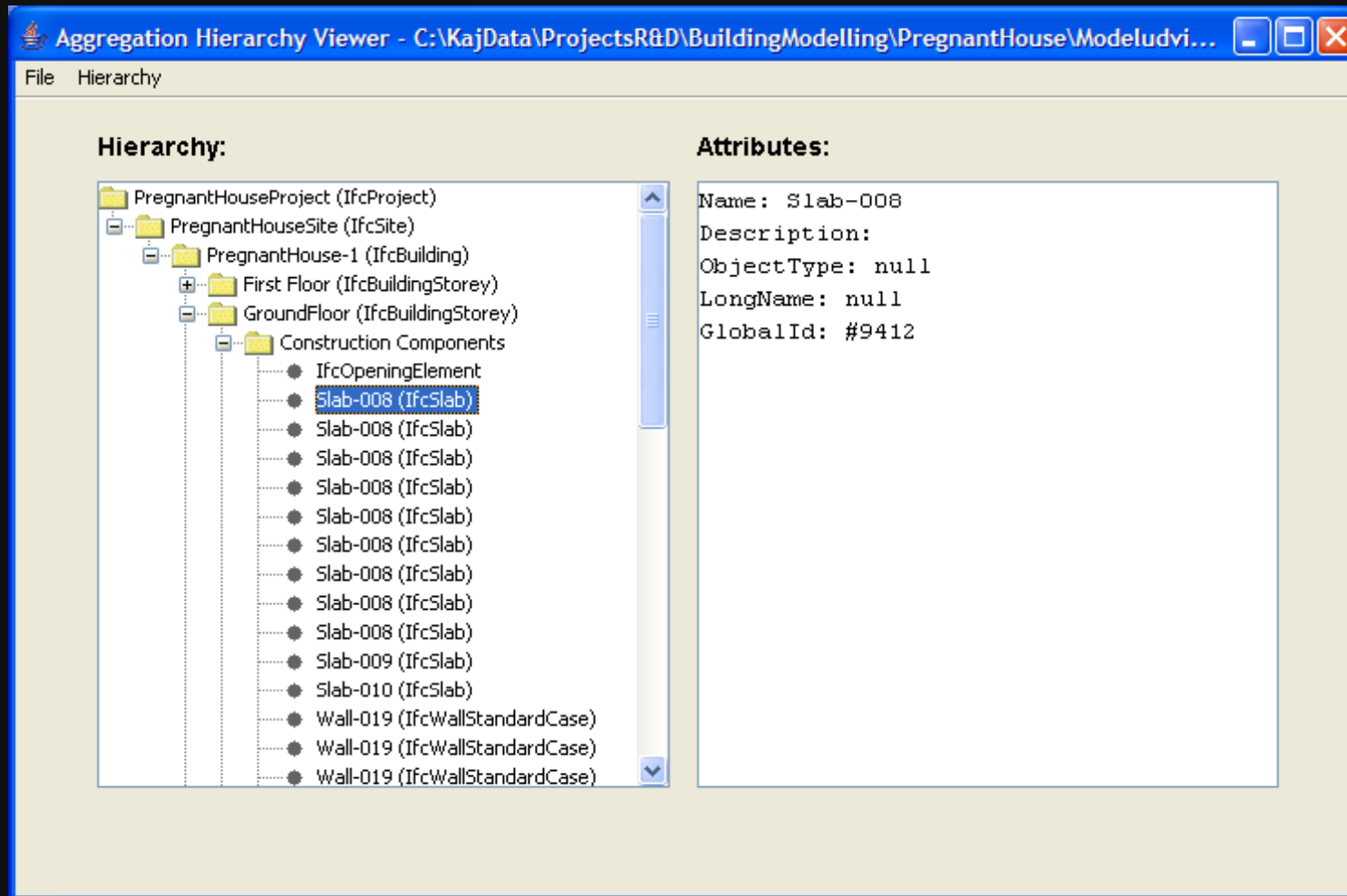
IFC Java Applications
Timber Frame Calculation
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April 2008

Kaj A. Jørgensen

Aalborg University – Department of Production

Java Application 1: Spatial Structure and Attributes



Java Application 2: Rename Objects

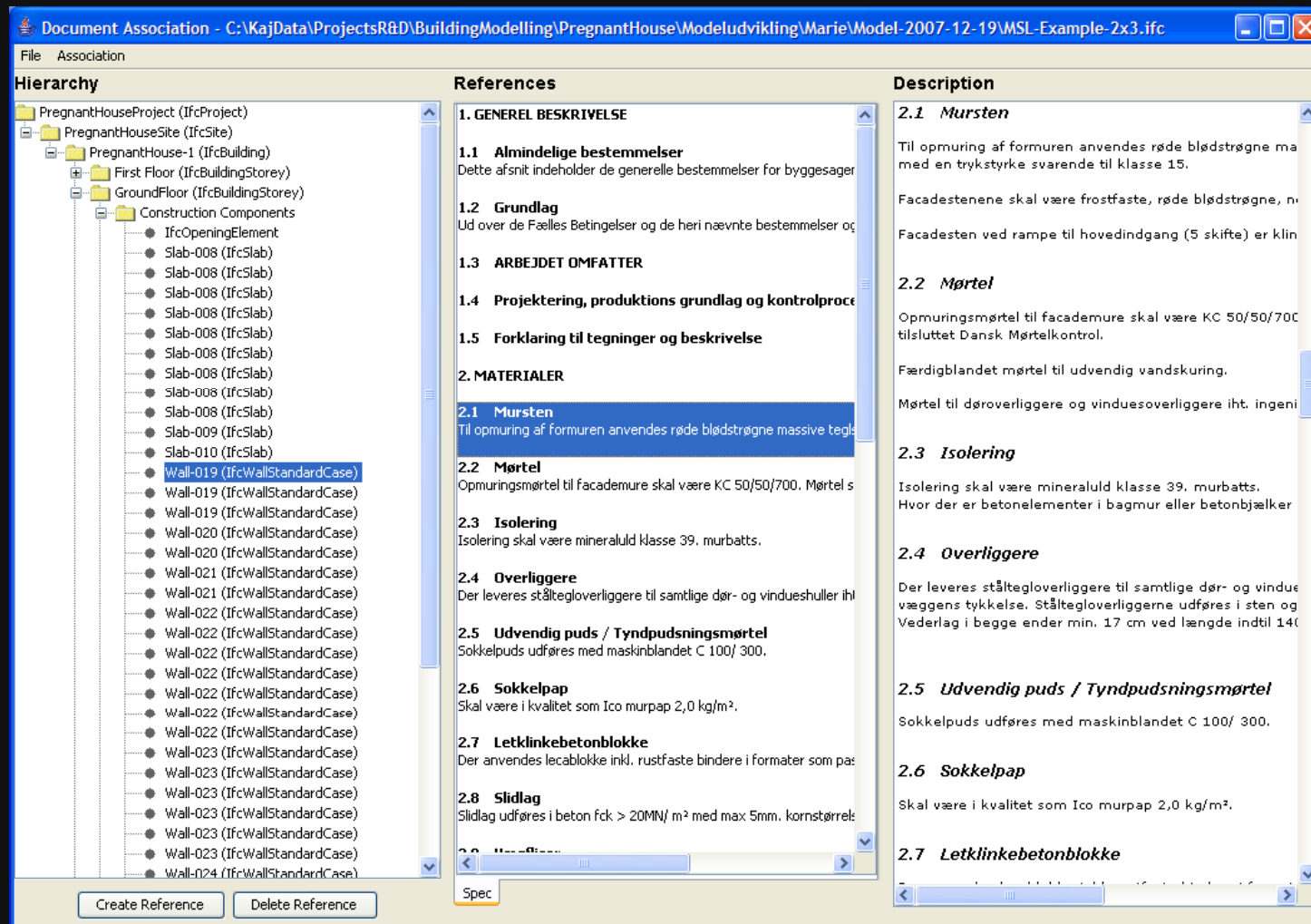
The screenshot shows a Java application window titled "IFC gui". The interface is divided into several sections:

- IFC File:** A text field containing the file path "\PregnantHouse\Modeludvikling\Marie\Model-2007-12-19\MSL-Example-2x3.ifc" and a "Browse" button.
- Load model:** A large button.
- Specify selection:** Two dropdown menus labeled "Storey:" (set to "GroundFloor") and "Building element:" (set to "IFCWALLSTANDARDCASE"). Below them is a "View building elements" button.
- Specify naming scheme:** A section with a "Format:" label and a template "[PART 1] [SEPARATOR] [PART 2] [SEPARATOR] [AUTONUMBER]". It includes input fields for "Part 1:" (containing "WSTD"), "Part 2:" (containing "GF"), "Seperator:" (containing "-"), and "Autonumber start value:" (containing "101"). A "Rename" button is located below these fields.
- Output file:** A text field and a "Browse" button.
- Save:** A large button.
- Clear window:** A button at the bottom right.

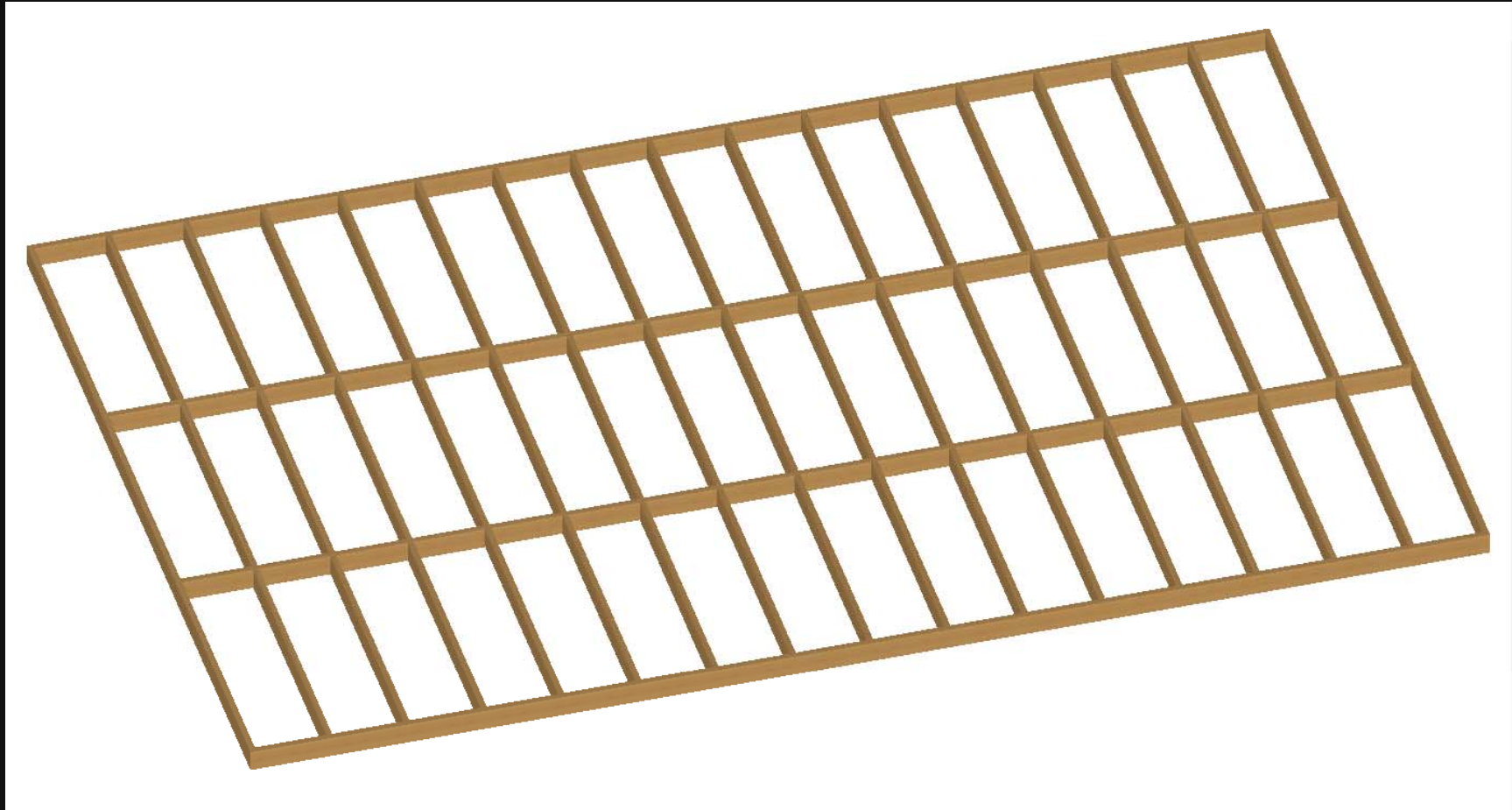
On the right side of the window, there is a list box displaying a table of building elements:

	IFCWALLSTANDARDCASE
nullWall-025	
Wall-020	IFCWALLSTANDARDCASE
Wall-025	IFCWALLSTANDARDCASE
Wall-022	IFCWALLSTANDARDCASE
Wall-022	IFCWALLSTANDARDCASE
Wall-024	IFCWALLSTANDARDCASE
Wall-021	IFCWALLSTANDARDCASE
Wall-022	IFCWALLSTANDARDCASE
Wall-023	IFCWALLSTANDARDCASE
Wall-028	IFCWALLSTANDARDCASE
Wall-023	IFCWALLSTANDARDCASE
Wall-022	IFCWALLSTANDARDCASE
Wall-029	IFCWALLSTANDARDCASE
Wall-019	IFCWALLSTANDARDCASE
Wall-020	IFCWALLSTANDARDCASE
Wall-023	IFCWALLSTANDARDCASE
Wall-019	IFCWALLSTANDARDCASE
Wall-019	IFCWALLSTANDARDCASE
Wall-025	IFCWALLSTANDARDCASE
Wall-022	IFCWALLSTANDARDCASE
Wall-023	IFCWALLSTANDARDCASE
Wall-022	IFCWALLSTANDARDCASE
Wall-028	IFCWALLSTANDARDCASE
Wall-021	IFCWALLSTANDARDCASE
Wall-023	IFCWALLSTANDARDCASE
Wall-029	IFCWALLSTANDARDCASE
Wall-023	IFCWALLSTANDARDCASE
Wall-022	IFCWALLSTANDARDCASE

Java Application 3: Document Association



Java Application 4:



Java Application 4:

